



Acanthogobius flavimanus

Yellowfin Goby, Spotted Goby, Japanese River Goby

Threat Scores

1. Ecological Impact
 - Negatively interacts with native and endangered species competing for food and resources, hastening the decline of native species
 - Aggressively feed on smaller fish
 - Associated with extirpations of the endangered Tidewater goby from certain bodies of water
2. Invasive Potential
 - Once established, this species spread in California, probably as a result of its own dispersal abilities
 - Generalist diet gives it an advantage as a successful invader, but salinity requirements appear to limit its expansion potential.
 - Eggs transported attached to fouling organisms on hulls.
3. Geographic Extent
 - Distribution in non-native range: locally patchy
4. Management Difficulty
 - Have not been able to eradicate or control this species from California



Geography and Habitat

1. Native: Asia
2. Introduced: Australia and the West Coast of North America; San Joaquin Delta, California
3. Marine, brackish water, water courses, coastland, estuaries, and bays

Invasion Pathways

1. Ballast water and sediments
2. Stocking in open water, introduces with oysters
3. Hull/Surface fouling
4. Bait Industry

Non-Native Locations

1. 58 - Northern California
2. 59 - Southern California Bight

Sources

1. Molnar, Jennifer et al. 2008. Assessing the global threat of invasive species to marine biodiversity. *Frontiers in ecology and the environment*. Vol. 6, No. 9, pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. <http://www.fishbase.org/summary/SpeciesSummary.php?id=3832>
4. <http://nas.er.usgs.gov/queries/FactSheet.aspx?speciesID=707>
5. <http://www.issg.org/database/species/ecology.asp?fr=1&si=947&sts>